



THE RERTR-2006 INTERNATIONAL MEETING ON REDUCED ENRICHMENT FOR RESEARCH AND TEST REACTORS OCTOBER 29 – NOVEMBER 2, 2006

Announcement and Call for Papers

The U.S. Department of Energy / National Nuclear Security Administration's Office of Global Threat Reduction is hosting the "RERTR-2006 International Meeting on Reduced Enrichment for Research and Test Reactors." The conference is being jointly organized by the South African Nuclear Energy Corporation (NECSA) and Argonne National Laboratory and will be held in Cape Town, Republic of South Africa from October 29 – November 2, 2006. This will be the 28th annual meeting in a series on the same general subject regarding the Reduced Enrichment for Research and Test Reactors (RERTR) program.

Information will be exchanged on the progress of national and international programs to develop low-enriched uranium (LEU) fuels and targets for research and test reactors and to convert research reactors and radio-isotope production processes to the use of such fuels and targets. The meeting will be held in English and will be open to those who share such interests, but the organizers reserve the right to limit the attendance. Technical and policy experts interested in attending the conference may register by completing the attached forms.

The main objective of this series of meetings is the core conversion of research reactors from highly enriched uranium (HEU) to LEU fuels. Fuel element manufacturers and national laboratories have developed fuel types suitable for LEU utilization in most of the world's research reactors. Many reactors are already fully converted and new LEU fuels are under development and scheduled for qualification. The meeting technical subjects will include development of new LEU fuels, development and testing of LEU targets and processes for the production of Mo-99, design and safety analyses for reactor conversions, and transportation and storage of spent fuels.

Participants interested in such technical topics are encouraged to present a paper at the meeting. Please indicate an intention to submit a paper by completing the attached Abstract Submittal form and send the completed form with an abstract of the paper, as soon as possible, but not later than **September 15, 2006**, to Linda Legerski, whose address is enclosed at the end of this announcement. The presentation of each paper will be limited to 20 minutes. All papers will be distributed at the meeting and will afterwards be published on the RERTR web site (www.rertr.anl.gov).

Topics to be covered during the meeting are:

Progress reports of national programs
Fuel development
Fuel testing and evaluation
Measurements and calculations for converted reactors
Safety tests and evaluations

Core conversion studies
Production of fission Mo-99 from LEU
Licensing requirements
HEU and LEU fuel cycle
Spent fuel transportation and storage
Utilization of converted (LEU) reactors

The meeting will be held at the Southern Sun Cape Sun which is the official hotel for the RERTR-2006 Meeting. The rate of a single room is 950 Rand (approximately \$160.00 USD) per night plus tax. There will be an additional charge for a second person per day of 200 Rand (approximately \$35.00 USD.) Room reservations are to be made directly by the participants by faxing the completed Hotel Registration Form (Attachment 7) to the Southern Sun Cape Sun at +27 (21) 426 1660. Hotel registration inquiries can be made by phoning Roshaan Hartley at +27 (21) 488 5100 or by email to rosshaanh@southernsun.com.

It is essential that hotel reservations be made as soon as possible because a limited number of rooms have been blocked at the Southern Sun Cape Sun at the group rate.

Additional hotels in the vicinity (walking distance) of the Southern Sun Cape Sun conference hotel may also be available. Their rates for a single room are shown, and the hotels can be reached at:

Park Inn Hotel	565 Rand (~ \$95.00 USD)	+27(0)21-423 2050
St. Georges Hotel	750 Rand (~ \$125.00 USD)	+27(0)21-419 0808
Cape Town Ritz Hotel	458 Rand (~ \$80.00 USD)	+27(0)21-439 6010

A technical tour of the SAFARI-1 reactor and possibly other Necsa facilities is planned for Friday, November 3, 2006 at its site in Pelindaba, which is located a short distance from Johannesburg. Most international travel to the Republic of South Africa is through Johannesburg, and the majority of flights for those returning home will depart the country in the evening. If you would like to participate in the technical tour, please arrange your transfer to arrive at the Johannesburg airport from Cape Town so that the tour can start from Johannesburg by ~10:00 a.m. Friday morning for a chartered bus ride to Necsa at Pelindaba. Lunch and other refreshments will be provided at Necsa. Following the tour, you will be returned to the Johannesburg airport in time for your evening flight (~ 17:30).

All participants of the meeting must register. A registration fee of **US\$300.00** (**US\$350 after 28 September, 2006**) will be charged to cover the conference expenses and a contribution for food and transportation provided during the meeting. This fee can be paid either by credit card or check at the time of registration or by check or cash immediately before the beginning of the meeting. All registration fee payments must be in US dollars. If paying by check, please make the check payable to "Argonne National Laboratory" and send it to Linda Legerski with the Registration Fees and Payment Form. Registration fees will be refunded if attendance is canceled by October 7, 2006.

Attachments:

- (1) Instructions for Forms and Deadlines
- (2) Abstract Submittal Form
- (3) Registration Fees and Payment Form
- (4) Instructions for Authors
- (5) Instructions for Typists
- (6) Publication Release (A completed form **must** be submitted with each paper for publication.)
- (7) Hotel Registration Form

Meeting Co-chairmen:

Dr. Jordi Roglans-Ribas
Technical Director, RERTR Program
Argonne National Laboratory
9700 South Cass Avenue, Building 208
Argonne, Illinois 60439-4815
Phone: +1 (630) 252-3283
Fax Number: +1 (630) 252-5161

Dr. Charles S. B. Piani
Senior Manager, SAFARI-1 Research Reactor
P.O. Box 582
Pretoria 0001, South Africa
Phone: +27(12) 305-5260
Fax Number: +27(12) 305-5956

Meeting Organizer:

Linda Legerski
Administrative Secretary, RERTR Program
Argonne National Laboratory
9700 South Cass Avenue, Building 208
Argonne, Illinois 60439-4815
Phone Number: +1 (630) 252-4836
Fax Number: +1 (630) 252-5161
e-mail: rertr@anl.gov;

Instructions for Forms and Deadlines

Linda Legerski
Administrative Secretary, RERTR Program
Argonne National Laboratory
9700 South Cass Avenue, Building 208
Argonne, Illinois 60439-4815
Phone Number: +1 (630) 252-4836
Fax Number: +1 (630) 252-5161
e-mail: rertr@anl.gov

Abstract Submittal:

Please fax, mail, or e-mail this completed form along with an abstract to Linda Legerski by **September 15, 2006**.

***Registration Fees
& Payment:***

Method of payment is check, cash (in US dollars only), or credit card. Registration cost is US\$300 (US\$350 after September 28, 2006). Please follow the instructions on the form.

Hotel Reservation:

Meeting participants are responsible for making their own individual reservations **as soon as possible**. The hotel will not hold reservations without a credit card number. Please contact Linda Legerski if this requirement poses special problems for you. Other hotels are also available in the vicinity, as listed in the announcement form.

Instruction for Authors:

General instructions regarding the composition of the paper for the meeting and the proceedings.

Instruction for Typists:

General instructions regarding the format(s) to be used when typing the paper for the meeting and proceedings.

Final Paper:

Please send your final paper by e-mail, on diskette(s), CD, or on a Zip disk by **October 15, 2006**. If you are unable to provide the final version of your paper in electronic form, please supply the original copy of your paper before the meeting, along with the original photographs.

Publication Release:

This form must be completed, signed, and sent to Linda Legerski, with your final paper, by **October 15, 2006**. You may fax it or mail it. The form is required in order for the paper to be published in the proceedings.



ABSTRACT SUBMITTAL FORM

THE RERTR-2006 INTERNATIONAL MEETING ON
REDUCED ENRICHMENT FOR RESEARCH AND TEST REACTORS

HOSTED BY NNSA

October 29 – November 2, 2006
The Southern Sun Cape Sun
Cape Town, Republic of South Africa

Name: _____

Title: _____

Company/Organization: _____

Mailing Address: _____

Phone Number: _____

Fax Number: _____

E-mail Address: _____

Title of Paper: _____

Author(s): _____

Expected Presenter: _____

Please return this form and a copy of your abstract by fax +1 (630) 252-5161 or e-mail to rertr@anl.gov by September 15, 2006.



REGISTRATION FEES AND PAYMENT FORM

THE RERTR-2006 INTERNATIONAL MEETING ON
REDUCED ENRICHMENT FOR RESEARCH AND TEST REACTORS

HOSTED BY NNSA

October 29 – November 2, 2006
Southern Sun Cape Sun
Cape Town, Republic of South Africa

Last Name _____

First Name: _____

Title: _____

Company/Organization: _____

Mailing Address: _____

Phone Number: _____

Fax Number: _____

E-mail Address: _____

Name of Accompanying Person(s), if any: _____

I prefer vegetarian entrees

☐ Yes ☐ No

I am allergic to the following foods, if any:

ATTENDEES

Registration Fee by September 28, 2006

US\$ 300.00 _____

Registration Fee after September 28, 2006

US\$ 350.00 _____

Accompanying Persons

Banquet

US\$ 50.00 _____

TOTAL _____

Complimentary Waterfront Cruise, October 30, 2006

Self: ☐ Yes ☐ No

(space available for 145 persons)

Accompanying Person:

☐ Yes ☐ No

Method of Payment

Credit Card Payment:

Name as it appears on card: _____

Credit Card Type: Visa _____ MasterCard _____

Card Number: _____

Expiration Date: _____

Amount to be charged: _____

Check Payment:

Please make the check payable to **“Argonne National Laboratory”** and be sure to reference **“RERTR-2006”** where applicable. Please complete and send this form with method of payment to Linda Legerski. Upon payment, you will receive confirmation of registration, which you must present at the registration desk upon registration to obtain conference documentation.

Linda Legerski
Argonne National Laboratory
9700 South Cass Avenue, Building 362
Argonne, Illinois 60439-4815
Phone: +1 (630) 252-4836

INSTRUCTIONS FOR AUTHORS

The organizers of the meeting request the authors to follow the guidelines that are suggested below:

1. Maximum length of paper is 10 pages.
2. Please include an abstract as part of the paper.
3. **Please bring or mail 200 hard copies** of your paper for distribution at the meeting. If you decide to mail the copies, send them directly to the Southern Sun Cape Sun no earlier than a week before the meeting to the address given below. Please be sure to write the presenter's name, "RERTR-2006 Meeting", and the words HOLD FOR ARRIVAL, and date of presentation on the package.

ADDRESS LABEL:

SOUTHERN SUN CAPE SUN
RERTR-2006 INTERNATIONAL MEETING
Linda Legerski
c/o Sebastian Berinato
P.O. Box 4532
Cape Town 8000
South Africa

CONTENTS IDENTIFICATION LABEL:

JOHN A. DOE
RERTR-2005 MEETING
HOLD FOR ARRIVAL
11/07/2006

4. Your paper will be published in the RERTR-2006 proceedings and an electronic version will be posted on the RERTR Program website. To assist us in expediting this procedure, we would appreciate it if the paper is sent to us by e-mail, on diskette(s), CD, or on a Zip disk prior to the meeting or by **October 10, 2006**. If this is not possible, please provide an electronic version of your paper on diskette(s), CD, or Zip disk to the registration desk at the meeting.

THE RERTR-2006 INTERNATIONAL MEETING ON
REDUCED ENRICHMENT FOR RESEARCH AND TEST REACTORS
October 29 – November 2, 2006
Southern Sun Cape Sun
Cape Town, Republic of South Africa

INSTRUCTIONS FOR TYPISTS

(Please use Helvetica or Times Roman Typeface)

TITLE: BOLD, 14 PT, ALL CAPS

A.B. Author and C.D. Author (12 Pt)
Department
Organization, Street, Postal Code City – Country

and

E.F. Author (12 Pt)
Other Department
Other Organization, Street, Postal Code City – Country

ABSTRACT (12 PT, BOLD, ALL CAPS)

Your paper must be in English. It should start with a short abstract of 150 words describing the key elements of your contribution and its conclusions. This paragraph should be typeset in block mode, 10 pt, with left and right indents of .5 in.

1. Introduction (12 Pt, bold)

Your paper should then continue on the same page with an introduction. For these main sections the size is 12 pt, single line spacing with a spacing of 0 pt before and after the paragraph mark, and the lines are justified in block mode. Please use 1 in. top, bottom, left, and right on 8½×11 paper; for authors using A4 paper, please use standard margins.

Additional sections should follow on the experimental set-up, results, their discussion, conclusions, acknowledgements and references.

2. Page numbering

Please do not number the pages of your paper.

3. Tables and figures

Tables, black and white or color figures should be inserted into the text at the appropriate place in publication quality. They should be centered and figures should be identified with a caption.

Note: All photographs and figures that are not in electronic format should be scanned into your paper at 300 dpi in BMP or JPEG format. **If you are unable to scan such photographs and figures, please provide original images along with the text and tables of your paper to the registration desk at the meeting.**

4. References

Please number your references and cite them in brackets [1]. The list of references should be at the very end of your paper under the section heading "References".

- [1] A. Travelli, "Status and Progress of the RERTR Program in the Year 2000," Proceedings of the XXIII International Meeting on Reduced Enrichment for Research and Test Reactors, Las Vegas, Nevada, 1-6 October 2000.

5. Length

The maximum length of your paper is 10 pages, including the title page and all tables and figures.

6. Format

Please submit your paper in Microsoft Word format by e-mail or on diskette(s), CD, or on a Zip disk prior to the meeting, if possible.

GUEST CONTRIBUTOR'S PUBLICATION RELEASE

Workshop/Conference (title, location, dates held):

The RERTR-2006 International Meeting On

Reduced Enrichment For Research And Test Reactors, Cape Town, South Africa, October 29 – November 2, 2006

Paper titled: _____

Author(s): _____

Authors' organization: _____

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If authors from different organizations contribute to this paper, each organization must submit an executed Publication Release.

- Check one: ☐ Author signs on behalf of all the authors from his/her organization
- ☐ Author signs for self only
- ☐ Authorized representative signs on behalf of its organization's author(s)

(Author's name – please print)

(Name of authorized representative, if required by the organization - please print)

(Author's signature)

(Authorized representative's signature)

(Date)

(Title)

(Date)

HOTEL REGISTRATION FORM

Special room rates for attendees of the **2006 RERTR INTL MEETING** have been negotiated. To take advantage of these rates and to ensure your accommodation at the hotel, reservations should be made by completing this booking form and faxing it directly to the SOUTHERN SUN CAPE SUN (Strand Street) by **29 AUGUST 2006**. Reservations received after this date, or after the group block has been filled, will be accepted on a room available basis.

1. Please complete one form per attendee in BLOCK CAPITALS using a red or black pen. For multiple bookings, please copy this form.

Title: <small>(Mr Mrs Ms Miss)</small>	Last Name:	First name:
Company:	City:	State:
Address:	Post/Zip code:	
E-mail:	Country:	
Telephone:	Fax:	
<input type="checkbox"/> I will be sharing the room with Mr / Ms Last name: First name:		

2. Please reserve for me the following room-nights at the SOUTERN SUN CAPE SUN

Standard Rooms <input type="checkbox"/> = ZAR R950.00 Single <input type="checkbox"/> = ZAR R1105.00 Double <input type="checkbox"/> = ZAR R1390.00 Executive <input type="checkbox"/> = ZAR R2380.00 Suite <input type="checkbox"/> = ZAR R3700.00 Presidential	Rate is inclusive of 14% VAT, but excludes any national or provincial tourism or other levies that may be required by legislation from time to time. Rate does not include the SA tourism levy that is currently 1% of accommodation portion only. Rate is inclusive of Full Breakfast
Please indicate number of nights: <input style="width: 50px;" type="text"/>	Occupancy: Single <input style="width: 30px;" type="text"/> Double <input style="width: 30px;" type="text"/>
Smoking [] or Non-Smoking []	
Hotel Arrival Date:	Time:
Flight Arrival Information:	Departure Date:
Date:	Airport transfer: Yes [] No [] (R200.00 one way)
Flight number:	Arrival time:

3. All reservations must be guaranteed with a major credit card. Personal or Company cheques will not be accepted at check-in.

<input type="checkbox"/> I guarantee my room reservation with my Visa, MasterCard or American Express credit card:	
Card Company:	Card Number: <input style="width: 100px;" type="text"/>
Expiry Date:	Name of Card Holder:
Last 3 Digits on back of card: <input style="width: 50px;" type="text"/>	Signature of Cardholder: <input style="width: 150px;" type="text"/>

4. Please return this form to

SOUTHERN SUN CAPE SUN
 Box 4532, Cape Town, 8000, South Africa
ATTENTION: Roshan Hartley
 Email: roshaanh@southernsun.com
 Tel: +27 21 488 5100
 Reservations Fax: +27 21 426 1660

BANK ACCOUNT DETAILS
 NEDBANK,
 HEERENGRACHT BRANCH
 ACC NO: 1031 272283
 BRANCH CODE: 10310900

5. Terms:

- 1 **(ONE) NIGHTS ACCOMMODATION** will be charged once booking form has been received. Should the booking be cancelled 30 days prior to arrival the full amount will be non refundable. **(Note no personal cheques will be accepted)**
- 2 Our check in time is 14h00 and our check out is 11h00. Please ensure prior arrangements are made in the event of early arrival or late departures being required.
- 3 No accommodation will be considered guarantee unless we are furnished with credit card details or the accommodation pre-paid.
- 4 All no-show accommodation will be liable for full cancellation fees.
- 5 When completing this form the above-mentioned party gives the Hotel the right to charge the above mentioned credit card for the full accommodation.